

Summary

The invention relates to a process for transferring data into or out of a control apparatus (16) as a memory-programmable control unit. To increase the security of data transmission, the following operations are provided:

- Coding data (10) on the part of the sender with at least an individual sender identification (18, 24),
- Decoding data (10) on the part of the recipient and checking the individual sender identification (18, 24) and validity,
- Comparison of individual sender identification (18, 24) with defined sender identifications,
- Allocation of user rights for status alteration of transferred data (10) and/or of the control apparatus in accordance with an authorization list (28) filed on the part of the recipient to the extent that the individual sender identification (18, 24) is entered in the authorization list,
- Rejection of data (10) to the extent that the individual sender identification is invalid or not entered into the authorization list.

A control apparatus as a memory-programmable control unit

is distinguished in that a coding and decoding unit as well as authorization lists are provided in which user rights for various users are entered.